

IN THE CLAIMS:

Please cancel claims 1-12 and substitute therefor new claims 13-19 as follows:

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--13. A method for preparing a biopsy sample of tissue containing malignant cells for chemosensitivity testing, comprising:

- (a) obtaining a tumor specimen;
- 5 (b) mechanically separating said specimen into cohesive multicellular particulates;
- (c) growing a tissue culture monolayer from said cohesive multicellular particulates;
- (d) inoculating cells from said monolayer into a
- 10 plurality of segregated sites;
- (e) treating said plurality of sites with at least one agent; and
- (f) assessing chemosensitivity of the cells in said plurality of sites.

14. The method according to claim 13 wherein said plurality of segregated sites comprise a plate containing a plurality of wells therein.

15. The method according to claim 14 wherein said plurality of wells is treated over a length of time adequate to permit assessment of both initial cytotoxic effect and longer-term inhibitory effect of at least one of said plurality of

5 active agents.

16. The method according to claim 15 wherein step (d) is accomplished by a multiple well pipetting device.

17. The method according to claim 16 wherein the cells in step (d) are further suspended in medium prior to inoculation into said plate containing a plurality of wells therein.

18. The method according to claim 17 wherein said agent is at least one of the agents selected from the group consisting of a radiation therapy agent, a radiation therapy sensitizing agent and a radiation therapy desensitizing agent.

19. The method according to claim 17 wherein said agent is an immunotherapeutic agent.--

REMARKS

As discussed among Dr. Kornblith, Examiner Gitomer and the undersigned in a telephone interview of record in the parent application hereto, Applicants continue to believe that the invention is embraced by the recitation "cohesive multicellular particulates" without the limitation "having a size of about 1 mm³." It is the purpose of this continuing application to address this issue directly.